LaBITconf
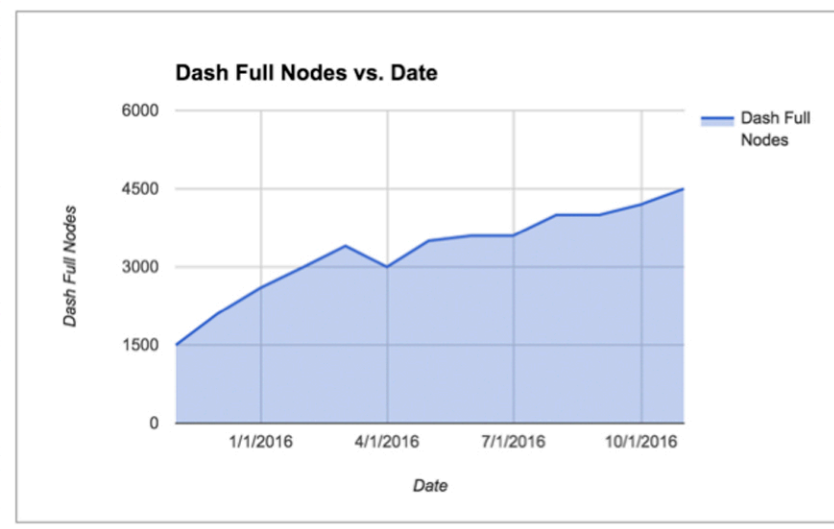# Mexico City
Dec - 2015

DASH

The second tier covers the operating costs of masternode owners, and running a node generates passive income for the owner.

- Added **3400 Masternodes** using the Second Tier
- Thousands of Professional Decentralized Administrators
- Stronger Network Infrastructure!

Dash Full Nodes vs. Date

Since the implementation of masternodes nearly a year and a half ago, our second tier network has experienced remarkable growth. We've added hundreds of nodes per month, on average, and have now reached 3400 masternodes. By comparison, Bitcoin has a marketcap over 400x larger than Dash's, yet only has 70% more full nodes. Though Dash is far smaller than Bitcoin, we have comparable infrastructure.

Bitcoin and a Two-Tier Network?

Bitcoin in its current form has been an excellent small-scale test of a p2p financial network. Unfortunately, there is one major barrier to mass adoption: the Bitcoin network can presently only support a maximum of seven transactions per second. Any truly global financial network must be capable of scaling to thousands or even tens of thousands of transactions per second.
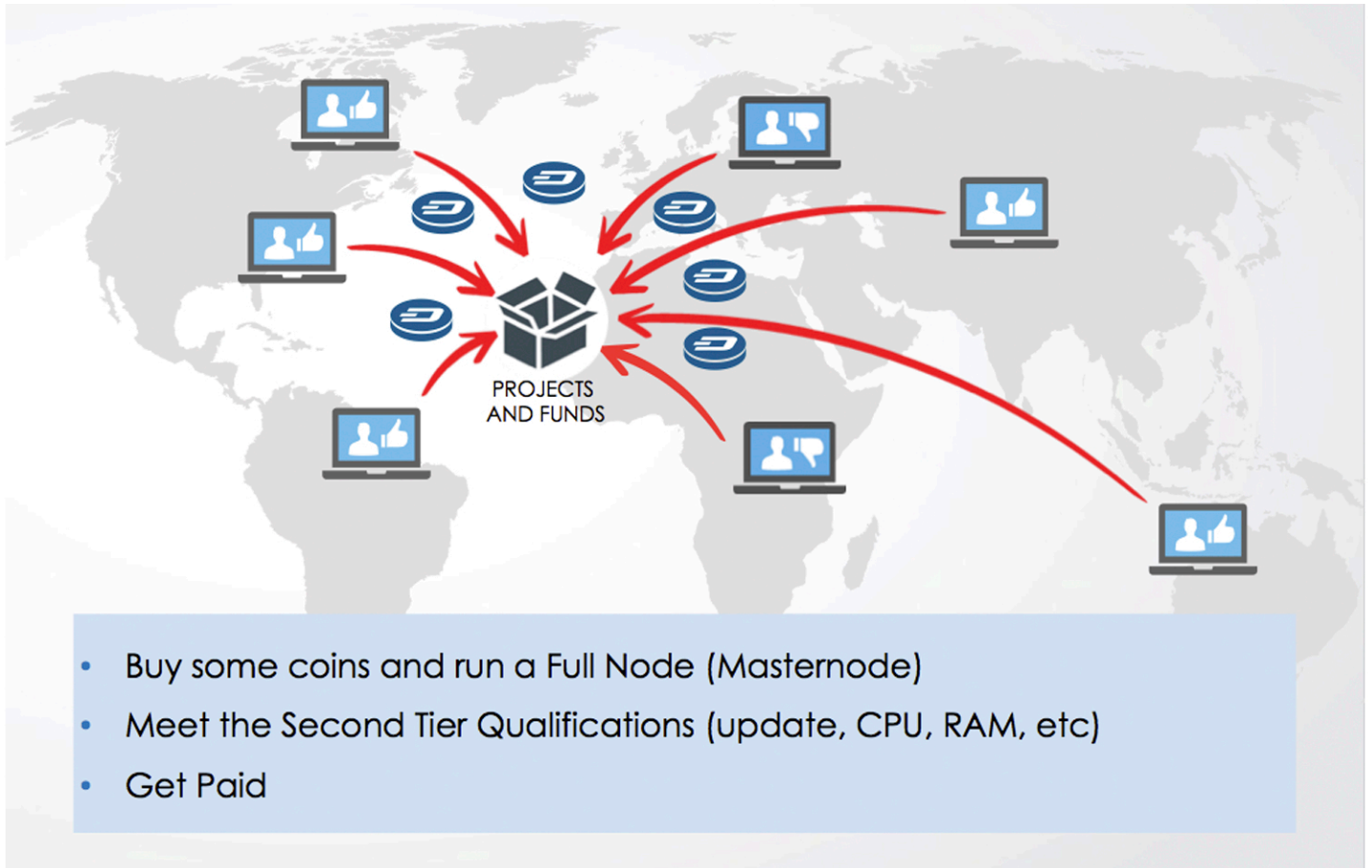Dash has been experimenting with a two-tier network for over a year now, with great success. So what is a two tier network?

- Administrators run a specialized node and get paid from the blockchain

- Nodes must meet specific network requirements

- Decentralized Infrastructure!
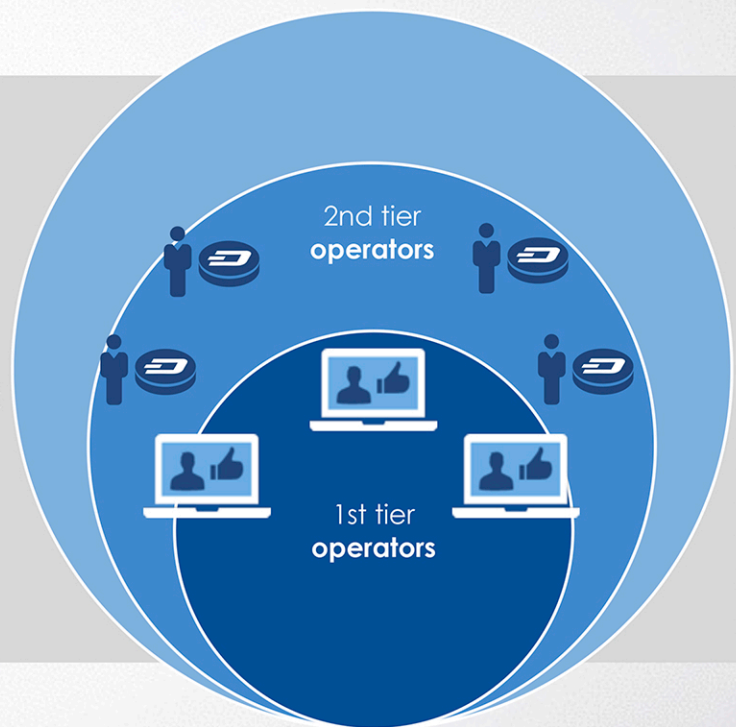
Imagine the Bitcoin network as a decentralized job network, where jobs are paid from the block reward. Currently there's only one type of job available; mining.

The second tier introduces a new type of job on the network; infrastructure technician. On the Dash network these infrastructure technician are called masternode operators. They simply run the daemon software on dedicated hardware (usually a VPS) and are paid from the decentralized block reward. The first tier (simply running a full node) is not paid at all and is purely voluntary, as it is with Bitcoin.

- Buy some coins and run a Full Node (Masternode)
- Meet the Second Tier Qualifications (update, CPU, RAM, etc)
- Get Paid

So how do you join the second tier? You simply buy some Dash and run the daemon on hardware that meets the minimum qualifications of CPU, RAM, etc. Most people use virtual private servers hosted by Amazon Web Services, Vultr, or similar companies. Then you get paid every few days, it's that simple.

There are also many advanced features available when you run as a second tier network. Really Powerful features such as instant transactions, decentralized funding, governance, and voting become possible on the network. These are secure and Sybil- proof due to the collateral requirements

Dash Second Tier Governance And Funding

- We poll second tier to **make decisions** about funding
- Funds come **directly from the blockchain**

Date Added ▾	ID	Hash	Fee Hash	Block Start	Est. Start	Block End	Est. End
3 days ago	christmas-lottery	53e4dfa	c914f6b[1]	382168	12/6/2015	407092	1/21/2016
28 days ago	amsterdam-expenses	67d2401	502d2b0[1]	365552	11/6/2015	390476	12/21/2015
28 days ago	btc-miami-conf	f0b16b4	167697a[1]	365552	11/6/2015	390476	12/21/2015
28 days ago	laBITconf	87a3529	ba2afc2[1]	365552	11/6/2015	390476	12/21/2015
1 month ago	dashwhale-basic	4f8b122	26c17d0[1]	365552	11/6/2015	473556	5/20/2016
2 months ago	liquidity-provider	74d557d	b4bf407[1]	348936	10/7/2015	373860	11/21/2015
2 months ago	website-pt-1	8387cdf	24dd4be[1]	348936	10/7/2015	373860	11/21/2015
2 months ago	electrum-pt-2	244bd3d	1c249a6[1]	348936	10/7/2015	373860	11/21/2015
2 months ago	foundation-pt-2	d06d273	43179ef[1]	348936	10/7/2015	373860	11/21/2015
2 months ago	Tennis_Reimbursement	a64c67c	bac481a[1]	348936	10/7/2015	373860	11/21/2015
2 months ago	compensate-testers	c0e0c1a	b821e98[1]	332320	9/7/2015	540020	9/17/2016
2 months ago	reimbursement	4284389	2c808f1[1]	332320	9/7/2015	357244	10/22/2015
2 months ago	public-awareness	cbafad1	0f86953[1]	332320	9/7/2015	2002228	12/14/2023

Miami conference

LaBITconf funding

New website design

Dash Business Development

Dash is completely self-funded using this model. Who pays for all of the network expenses? Why does it have to be voluntary, it's for the network, right? With the members of the second tier voting on how to allocate the decentralized funding created by the network, we can do powerful things which benefit the project. For instance, our trip to this conference was paid for by the network, after being voted on and approved by the masternode owners.

What if we need a new website or have to hire a lawyer? This type of expense serves to improve the value of the network, so the network itself should pay for it. With our decentralized toolkit, Dash does just that.

For further questions please visit us on:

www.dash.org
www.dashtalk.org
www.reddit.com/r/dashpay
www.facebook.com/DashPay

or on any of our other Sicoal Media outlets.